



**WORKING PAPER**

RASG-PA ESC/32— WP/15  
15/03/19

**Thirty Second Regional Aviation Safety Group — Pan America Executive Steering Committee Meeting (RASG-PA ESC/32)**

Mexico City, Mexico, 19 to 20 March 2019

**Agenda Item 3:** Safety management process within RASG-PA  
b) Risk mitigation actions/initiatives

**CARIBBEAN AND CENTRAL AMERICAN RAI0 DEVELOPMENT**

(Presented by the Secretariat)

<b>EXECUTIVE SUMMARY</b>	
This paper presents an update and follow-up to the CAR AIG and developments of the CAR RAI0s (GRIAA and RAI0-C since the last reporting to the RASF-PA ESC/31 Meeting.	
<b>Action:</b>	Suggested action is presented in section 3.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"> <li>• Safety</li> </ul>
<i>References:</i>	<ul style="list-style-type: none"> <li>• RASG-PA ESC/31</li> </ul>

**1. Introduction**

1.1 During the Eighth Meeting of the North American, Central American and Caribbean Directors of Civil Aviation (NACC/DCA/06) it has been recognized the lack or low level of effective Accident Investigation and Prevention (AIG) implementation in the Caribbean and Central American region. This issue turned into a priority for ICAO NACC to assist member States and regional organizations in resolving this sensitive issue. Thus, following the initiative of implementing GRIAA (Grupo Regional de Investigación de Accidentes Aéreos) in Central America under the leadership and support of COCESNA/ACSA, the NACC Regional office proposed the creation of a Regional Accident Investigation Organization (RAIO) for Caribbean Aviation Safety and Security Oversight System (CASSOS) member States and other CAR Region States.

1.2 Additionally, in the course of the RASG-PA ESC/30 Meeting, CASSOS provided an update on their initiative for a Regional Accident and Incident Investigation Regional Office for the Caribbean (RAIO-C), and highlighted the RAIO-C approach based on the collaboration among States for Accident Investigation and Prevention (AIG) matters and USOAP Effective Implementation.

1.3 COCESNA/ACSA also informed that the management and operation of the Regional Accident and Incident Investigation Organization for Central America (GRIAA) Initiative was under decision between Belize and Nicaragua; which later their headquarters was defined to be in Nicaragua.

## 2. Discussion

2.1 As part of the priority actions carried out by the NACC Regional Office, the Regional Accident and Incident Investigation Organizations (RAIOs) Implementation in the CAR Region (RAIO/CAR/01) Meeting was held at the ICAO NACC Regional Office, Mexico City, from 12 to 14 November 2018 that determined several actions for improving the AIG capacity and EI. As per the ICAO NACC AIG Regional Work Plan (RWP) that was presented during that meeting, two AIG on site missions were agreed and completed; one to GRIAA headquarter in Nicaragua, on 26-28 February; and, the second to CASSOS RAIO-C in Kingston, Jamaica, on 5-7 February 2019.

2.2 Additionally, a follow-up meeting (RAIO/CAR/02) in conjunction to an Accident and Incident Investigation (AIG) Workshop were scheduled and conducted from 12 to 15 March 2019, at the NACC Regional Office. An updated version of the RWP, as presented and agreed at this meeting, is being presented in the **Appendix** to this WP for ease of reference. Topics presented at the AIG Workshop included the ICAO GASOS Initiative, AIG LEG/REG Issues, RAIOs Implementation Status, Major Accident Investigation Preparedness and Conduct, and SMS/SSP.

2.3 As per the AIG Vision Statement presented and agreed at the RAIO/CAR/01 meeting, the key regional actions are:

- a) The need to improve AIG capacity has been recognized at high level in the region and, with the support of the political will and the commitment gathered to date
- b) The establishment of sustainable, properly resourced and staffed independent Investigation Authorities and RAIOs that are able to effectively respond and conduct safety investigations in a competent, independent and objective manner is absolutely crucial, and the key importance to this will certainly be the ratification by the Member States of their Primary Aviation Legislation, and of MoUs establishing regional investigation organizations.
- c) It will also be important to develop and implement the States Investigation Authorities and regional organizations with the view to ensure that their role will effectively complement and dovetail with the States SSP programs being implemented in the region, in order for prompt and effective safety actions to be taken to address the hazards identified during investigations, and ultimately prevent losses from damage or injury.

## 3.- Suggested actions

3.1.- The Meeting is invited to:

- a) take note on this relevant issue;
- b) encourage Civil Aviation Authorities to continue their efforts to establish a sustainable, properly resourced and staffed independent Investigation Authorities and RAIOs that are able to effectively respond and conduct safety investigations in a competent, independent and objective manner; and

- c) urge States to actively participate in regional activities oriented to develop and implement the States Investigation Authorities and regional organizations with the objective to ensure that their role will effectively complement and fits with the States SSP programs being implemented, in order for prompt and effective safety actions to be taken to address the hazards identified during investigations, and ultimately prevent losses from damage or injury.

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**APPENDIX**  
**ICAO NACC AIG REGIONAL WORK PLAN – 2019-03-12**  
**RAIO/CAR/02**

	<b>AIG Elements/Activities</b>	<b>Start/Finish</b>	<b>Responsible</b>	<b>Status</b>	<b>Notes</b>
<b>1</b>	<b>Drafting of AIG LEG &amp; REG</b> – Provision of assistance from ICAO TCB LEG Expert in reviewing the States draft AIG LEG & REG, as necessary and as requested by States.	N/A	ICAO NACC / TCB	Ongoing	Ref. RAIOCAR01 meeting record
<b>2</b>	<b>ICAO Correspondence to Investigation Authorities (IA)</b> - States to inform ICAO NACC of their IAs Point of Contact information and correspondence address.	By 30 January 2019	States	Ongoing Awaiting States input	Ref. Draft Conclusion RAIO/CAR/01/01
<b>3</b>	<b>Sharing of AIG Reference Documents</b> – The Secretariat will undertake the creation of a Regional AIG Reference Repository for AIG LEG & REG, MoUs, Manuals and other reference materials to be made available to CAR States.	By 15 December 2018	ICAO NACC	Completed Awaiting States contribution	Ref. Draft Conclusion RAIO/CAR/01/02
<b>4</b>	<b>AIG Investigators – Experience and roster</b> – That, to coordinate and share investigator resources within the RAIO framework, States to: a) draft/share the minimum requirements in terms of qualifications and experience for investigators to participate in investigations; b) provide information on the current experience and qualifications of each of their individuals actively tasked with investigation duties; and c) provide this information by 15 February 2019.	By 15 February 2019	States	Ongoing  Draft Standard  Form completed  Awaiting States input	Ref. Draft Conclusion RAIO/CAR/01/04
<b>5</b>	<b>AIG training courses and training needs</b> - States to identify and draft a list of desirable AIG training sources and providers for Basic and Recurrent investigator training, and draft their requirements for the content and curriculum for such investigation courses, with the view to assist existing regional aviation training organizations.	By 15 December 2018	States	Ongoing Awaiting States input	Ref. Draft Conclusion RAIO/CAR/01/03

	<b>AIG Elements/Activities</b>	<b>Start/Finish</b>	<b>Responsible</b>	<b>Status</b>	<b>Notes</b>
<b>6</b>	<p><b>2019 AIG Workshop</b> - That, to ensure the best benefits and meeting results for the next AIG Meeting,</p> <p>a) ICAO to organize the next AIG Meeting together with an AIG Workshop for March 2019 with the foreseen participation of other States and industry AIG leaders; and</p> <p>b) States to provide their suggested topics for the proposed AIG workshop before 15 December 2018.</p>	<p>By March 2019</p> <p>By 15 December 2018</p>	<p>ICAO NACC</p> <p>States</p>	<p>Completed</p> <p>Closed</p>	<p>Ref. Draft Conclusion RAIO/CAR/01/06</p>
<b>7</b>	<p><b>ACC/INC database and Investigation management software</b> – The Secretariat will continue to discuss and explore with TSBC the availability of their safety database and investigation management software to CAR States and organizations.</p>	<p>By end of March 2019</p>	<p>ICAO NACC</p>	<p>Ongoing</p>	<p>Ref. RAIO/CAR/01 meeting record</p>
<b>8</b>	<p><b>ECCAIRS/ADREP Training</b> - That, considering the continued need for ECCAIRS/ADREP training, not only for basic user level training (i.e. installation/set-up and data entry) but also the need for more advanced training that would allow extraction and analysis of ECCAIRS safety data, States to advise by 15 December 2018 of their plan and their need for ECCAIRS basic training, with the view for ICAO NACC to program ECCAIRS training in 2019.</p>	<p>By 15 December 2019</p>	<p>States</p>	<p>Ongoing</p>	<p>Ref. Draft Decision RAIO/CAR/01/05</p>